

to receive said segments from the transmitting units, when the transmission of one of said segments from one of the transmitting units is completed, to request transmission of one more segment of the data file from another transmitting unit of said transmitting units, at which the transmission of this one more segment from the another transmitting unit has started, at which the step to request transmission of one more segment includes the step to request transmission of only a portion of said one more segment, at which the portion is included in the portion of the segment that as not yet been transferred.

20. (New) Procedure as claimed in patent Claim 19, wherein each segment is transmitted from only one transmitting unit.

21. (New) Procedure as claimed in patent Claim 19, wherein each transmitting unit transmits only one segment of the file.

22. (New) Procedure as claimed in patent Claim 19, wherein the step to request transmission of one more segment includes the steps to determine for which segment a largest portion of the segment remains to be transmitted, and

to request transmission of this determined segment.

23. (New) Procedure as claimed in patent Claim 19, wherein the step to request transmission of a portion of said segment includes the steps

to determine how large a portion of the segment that remains to be transferred,

to estimate a transmission speed for the transmitting unit that is busy transmitting said segment and for the transmitting unit from which transmission of said portion is to be requested,

to determine, depending on the estimate transmission speeds, how large said portion shall be, and

to request transmission of said portion.

24. (New) Procedure as claimed in patent Claim 19, further comprising the steps to estimate transmission speeds from respective transmitting units, and to request transmission of segments of different sizes, at which a size of respective segments is determined based on the estimated transmission speeds.

25. (New) Procedure as claimed in patent Claim 19, further comprising the steps to estimate transmission speeds from respective transmitting units, and to select transmitting units for the transmission with regard to the estimated transmission speed from the respective transmitting units.

26. (New) Device for control of data file transmission between transmitting units and receiving units, at which examples of a data file to be transferred is stored at a plurality of transmitting units, comprising:

a device to request transmission of segments of the data file from the transmitting units, and

a device to receive said segments from the transmitting units, when the transmission of one of said segments from one of the transmitting units is completed, to request transmission of one more segment of the data file from another transmitting unit of said transmission units, at which the transmission of the one more segment from the another transmitting unit has started, at which the device to request transmission of one more segment includes

a device to request transmission of only a portion of said segment, at which the portion is included in that portion of the segment that has not yet been transferred.

27. (New) Device as claimed in patent Claim 26, wherein each segment is transmitted from only one transmitting unit.

28. (New) Device as claimed in patent Claim 26, wherein each transmitting unit transmits only one segment of the file.

29. (New) Device as claimed in patent Claim 26, wherein the device to request transmission of one more segment includes

a device to determine for which segment a largest portion of the segment remains to be transmitted, and

a device to request transmission of this determined segment.

30. (New) Device as claimed in patent Claim 29, wherein the device to request transmission of a portion of said segment, includes

a device to determine how large a portion of the segment that remains to be transferred,

a device to estimate a transmission speed for the transmitting unit which is busy transmitting said segment and for the transmitting unit from which transmission of said portion is to be requested,

a device to determine, depending on the estimated transmission speeds, a size of said portion, and

a device to request transmission of said portion.

31. (New) Device as claimed in patent Claim 26, further comprising

a device to estimate transmission speeds from respective transmitting units, and

a device to request transmission of segments of different sizes, at which said device is arranged to determine the size of respective segment based on the estimated transmission speeds.

32. (New) Device as claimed in patent Claim 26, further comprising

a device to estimate transmission speeds from respective transmitting units, and

Accepted